

CLAIMS

1. A fixation device (101) which is for fixing together a first part (110) of a multi-part assembly to a second part (100) of the assembly, the device having a ring-like body (103) which is movable from a manufactured state, in which the body is manufactured with an endless angular extent and a weakened zone (113) therein, and a use state, in which the ring-like body is split (115) at the weakened zone.
2. The device of claim 1 in which the fixation device consists of the ring-like body.
3. The device of claim 1 or 2 in which the weakened zone is a structural discontinuity in the body.
4. The device of claim 1, 2 or 3 in which the split allows the body to be radially expanded when in its use state.
5. The device of claim 4 in which the body is reversibly radially expandable when in its use state.
6. A system comprising a first part (110) of a multi-part assembly, a second part (100) of the assembly and a fixation device (101) according to any one of claims 1 to 5 for fixing the first and second parts together.
7. A system according to claim 6 in which the fixation device is in its use state interposed between the first and second parts to fix them together.

8. The system of claim 7 in which the fixation device is wedged between the first and second parts.
9. The system of claim 7 or 8 in which the fixation device is interposed between an outer surface (124) of the first part and an inner surface (106) of the second part.
10. The system of claim 9 in which one of the surfaces is a re-entrant surface.
11. The system of claim 10 in which the re-entrant surface is the outer surface of the first part.
12. The system of claim 9, 10 or 11 in which the inner surface is presented by a skirt of the second part which extends about the outer surface of the first part.
13. The system of any one of claims 7 to 12 in which the first part has a longitudinal axis and the fixation device prevents removal of the second part from the first part in a first axial direction.
14. The system of claim 13 in which the first and second parts each have an abutment surface in abutting relation to prevent the second part being removed from the first part in a second axial direction.
15. The system of any one of claims 6 to 14 in which the multi-part assembly is a product dispenser with the first part a product container.
16. The system of claim 15 in which the second part is an accessory of the dispenser.

17. The system of any one of claims 7 to 16 in which the first part has a longitudinal axis (B-B), a lateral end surface (119), and a longitudinal side surface (121,124) which extends towards the end surface in a first axial direction and which has a profile which tapers laterally outwardly in the first axial direction, and the second part has a longitudinal axis (B-B), a lateral surface (117) and a longitudinal skirt (102), wherein the first and second parts are able to be assembled with the axes aligned, the respective lateral surfaces in bearing relation and the skirt spaced laterally from the tapered profile of the longitudinal surface of the first part, and wherein the body (103) of the fixation device is adapted in use to be wedged in a radially expanded condition in the space between the skirt and the tapered profile.

18. The system of claim 17 in which the body of the fixation device is conjoined to the skirt and/or the tapered profile.

19. A method of fixing a first part (110) of a multi-part assembly to a second part (100) thereof which comprises the steps of providing a fixation device (101) having a ring-like body (103) which is manufactured with an endless angular extent, forming an axial split in the body and interposing the fixation device between the first and second parts such that the first and second parts are fixed together through the fixation device.

20. The method of claim 19 in which the fixation device is according to any one of claims 1 to 5.

21. A fixation device (101) which is for fixing together a first part (110) of a multi-part assembly to a second part (100) of the assembly

substantially as hereinbefore described with reference to FIGURES 2 to 4 of the accompanying drawings.

22. A system substantially as hereinbefore described with reference to FIGURES 2 to 4 of the accompanying drawings.

23. A method of fixing a first part (110) of a multi-part assembly to a second part (100) of the assembly substantially as hereinbefore described with reference to FIGURES 2 to 4 of the accompanying drawings.